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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/635,408

08/06/2003

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25191 7590 08/10/2007  
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EXAMINER

ADDISON, KAREN B

ART UNIT

PAPER NUMBER

2834

MAIL DATE

DELIVERY MODE

08/10/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## DETAILED ACTION

### *Allowable Subject Matter*

1. Claims 1-12 are allowed.
2. The following is a statement of reasons for the indication of allowable subject matter: Prior art fails to show, a pillar piezoelectric device a plurality of comb teeth arranged in one and two dimensional matrix forming a plane extending along a length of the comb teeth from the first end of the piezoelectric device substrate to an opposite end thereof and contacting each of the plurality of comb teeth; and a guide substrate having a concave portion for housing at least a part of the piezoelectric device substrate the concave portion extending parallel to the plane of the one-dimensional matrix wherein the guided substrate and the piezoelectric device substrate are readily usable as individual stacks for formation of the multi-stack structural body. (In regards to claims 1-6). Prior art also fails to show, a first guide frame member being a hollow box shape and having a plurality of pairs of guide grooves for housing the plurality of piezoelectric devices substrate, the guide groove being formed of two apposed inner surfaces of the guide frame member, the guide grooves being arranged in pairs at an interval corresponding to the thickness of the piezoelectric device substrate, wherein the plurality of piezoelectric device substrates is inserted and housed in the grooves of the first guide frame member such that each piezoelectric device substrate is aligned in a corresponding pair of guided groove, and the plurality of piezoelectric members remain movable within the guide frame member throughout a portion of the piezoelectric

members having the pairs of electrodes formed thereon. (In regards to claims 7-10). Prior art also fails to show, a second guide frame member having a plurality of openings arranged in a grid form, and a housing space being channeled through the plurality of openings wherein, the piezoelectric device are fixed within the second guide frame member by inserting each of the plurality of piezoelectric devices remain movable within the second guide frame member through a portion of the piezoelectric devices having the pair of electrodes formed thereon. (In regards to claims 11-12).

### ***Conclusion***

3. This application is in condition for allowance except for the following formal matters:

This application is in condition for allowance except for the presence of claims 13-17 directed to an invention non-elected with traverse in the reply filed on 3/17/06.

Applicant is given ONE MONTH or THIRTY DAYS from the date of this letter, whichever is longer, to cancel the noted claims or take other appropriate action (37 CFR 1.144).

Failure to take action during this period will be treated as authorization to cancel the noted claims by Examiner's Amendment and pass the case to issue. Extensions of time under 37 CFR 1.136(a) will not be permitted since this application will be passed to issue.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karen B. Addison whose telephone number is 571-272-2017. The examiner can normally be reached on 8:00 to 4:30.

Art Unit: 2834

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg can be reached on 571-272-2044. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

KBA  
8/4/07

  
DARREN SCHUBERG  
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